



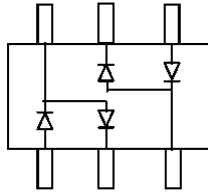
Micro Commercial Components

Micro Commercial Components
 20736 Marilla Street Chatsworth
 CA 91311
 Phone: (818) 701-4933
 Fax: (818) 701-4939

Features

- Low Current Leakage
- Low Cost
- Small Outline Surface Mount Package
- Case Material: Molded Plastic.
 UL Flammability Classification Rating 94V-0

MAKING:KJG



Maximum Ratings

- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C

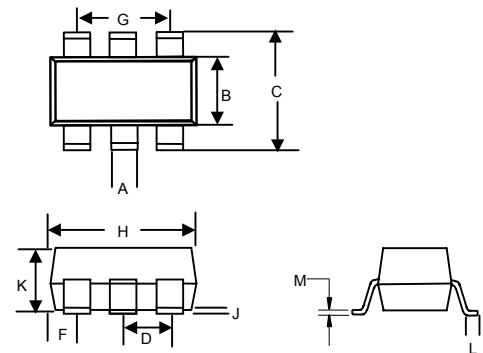
Electrical Characteristics @ 25°C Unless Otherwise Specified

Reverse Voltage	V_R	75V	
Average Rectified Output Current	I_O	150mA	
Power Dissipation	P_{TOT}	200mW	
Maximum Instantaneous Forward Voltage	V_F	715mV 855mV 1000mV 1250mV	$I_{FM} = 1mA;$ $I_{FM} = 10mA;$ $I_{FM} = 50mA;$ $I_{FM} = 150mA;$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	2.5uA 0.025uA	$V_R=75V$ $V_R=20V$
Typical Junction Capacitance	C_J	2.0pF	Measured at 1.0MHz, $V_R=0V$
Reverse Recovery Time	T_{rr}	4nS	$I_F=I_R=10mA$ $I_{rr} = 0.1 * I_R$ $R_c=100\Omega$

BAV99DW

200mW 75Volt Plastic-Encapsulate Diode

SOT-363



DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	.004	.012	0.10	0.30	
B	.045	.053	1.15	1.35	
C	.079	.087	2.00	2.20	
D	.026		0.65Nominal		
F	.012	.016	0.30	0.40	
H	.071	.087	1.80	2.20	
J	---	.004	---	0.10	
K	.035	.039	0.90	1.00	
L	.010	.016	0.25	0.40	
M	.004	.016	0.10	0.25	

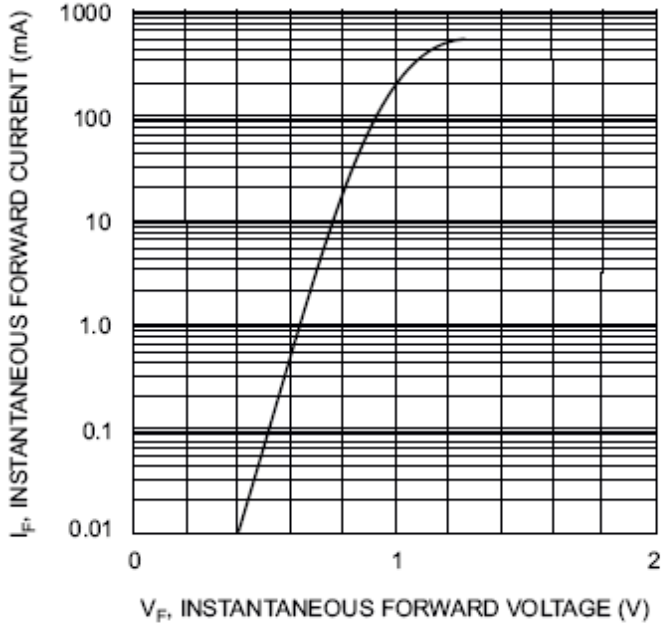


Fig. 1 Forward Characteristics

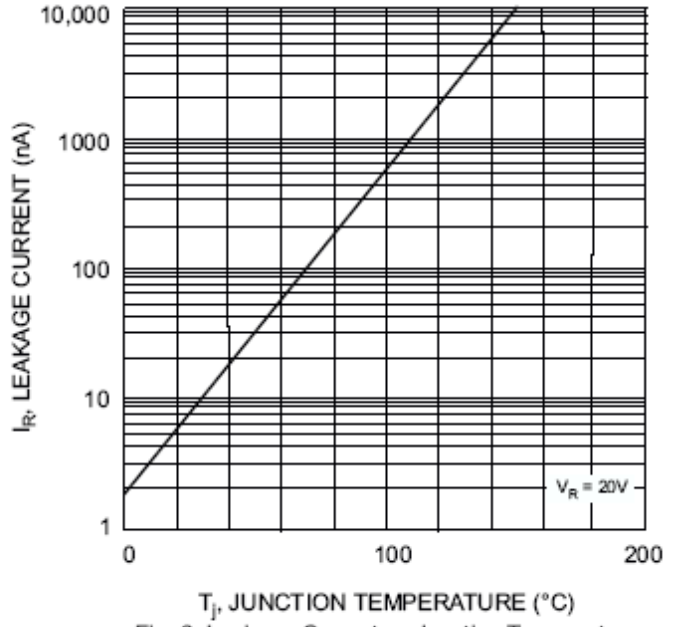


Fig. 2 Leakage Current vs Junction Temperature



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